AMENDMENTS TO THE CLAIMS:

1.   (presently amended) A computer-implemented method for generating [graphical surface map] visualizations from a set of data records, comprising the steps of:

receiving a plurality of data records;

creating vector representations of said data records;

enabling the user to select from a first [surface map] generation method and a second [surface map] generation method for generating a concept landscape visualization;

generating a first [surface map representation] concept landscape visualization corresponding to said vector representations in response to selection of said first [surface map] generation method; and

generating a second [surface map representation] concept landscape visualization corresponding to said vector representations in response to selection of said second [surface map] generation method.

2.   (presently amended) The method of claim 1 wherein said first and second [surface map representation] visualizations calculate [the] peak height [of surface peak] by different methods.

3.   (presently amended) The method of claim 2 wherein said first [surface map] generation method comprises calculating the peak height based on a variable parameter.

-2-

4. (original) The method of claim 3 wherein said variable parameter is chosen from a user-defined list.

5. (original) The method of claim 4 wherein said variable parameter is based on the frequency of occurrence of a term from said data records.

6. (original) The method of claim 3 wherein said variable parameter is automatically calculated.

7. (presently amended) The method of claim [1] 2 wherein said second [surface map] generation method comprises calculating said peak height based on the aggregate value of variable parameters.

8. (original) The method of claim 6 wherein said variable parameter is based on the frequency of occurrence of a term from said data records.

9. (presently amended) The method of claim 1 wherein said second [surface map] generation method comprises calculating [said] peak height based on the aggregate value of variable parameters.

10. (presently amended) The method of claim 1 wherein [a] first and second [surface map] concept landscape visualizations are generated, and further comprising enabling a

user to switch between the first and second [surface map] <u>visualizations</u> to determine the influence of the first and second [surface map] generation methods on said data records.

11.   (presently amended) The method of claim 10 wherein said step of enabling a user to switch comprises enabling a user see a morphed transition between [surface maps] <u>the first and second visualizations</u> when the user chooses to view a different [surface map] <u>visualization</u>.

12.   (presently amended) The method of claim 1 wherein said step of creating vector representations includes generating a two-dimensional vector representation of said data records; generating a two-dimensional map representation of said data records based on said two-dimensional vector representation; and superimposing said two-dimensional map representation on either said first or second [surface map representation] <u>visualization</u>.

13.   (presently amended) A computer-implemented method for generating [graphical landscape map] visualizations from a set of data records, comprising the steps of:

receiving a plurality of data records;

creating vector representations of said data records;

generating a [surface map representation] <u>concept landscape visualization</u> of said data records corresponding to said vector representations;

generating a two-dimensional map representation of said data records based on said vector representations; and

superimposing said two-dimensional map representation on said [surface map representation] concept landscape visualization.

14.   (original) The method of claim 13 wherein said two-dimensional map representation is a galaxy view.

15.   (presently amended) The method of claim 14 wherein [said surface map is a landscape map] the data records contain a plurality of terms and further comprising enabling the user to select terms used in calculating a surface height at points within the concept landscape visualization.

16.   (presently amended) The method of claim 15 [wherein said landscape map representation is a concept landscape visualization] further comprising enabling a user to select a region of interest in the concept landscape visualization.

17.   (presently amended) A computer-implemented method for generating {graphical surface map] visualizations from a set of data records, comprising the steps of:

receiving a plurality of data records containing text information;

creating vector representations of said data records;

generating a first [surface map representation] concept landscape visualization of said data records corresponding to said vector representations; and

-5-

associating and displaying labels in connection with selected peaks of said [surface map] concept landscape visualization, wherein a label represents a significant term of the data records associated with the selected peak.

18.   (presently amended) The method of claim 17 further comprising providing the user with the option to display or remove display of said labels associated with peaks of the first [surface map] visualization.

19.   (presently amended) The method of claim 18 further comprising enabling a user to provide a custom label to replace a selected label of said labels, and replacing the selected label with the custom label on said first [surface map] visualization in response to a user request.

20.   (presently amended) The method of claim 17 further comprising the steps of: receiving a substitute term to be substituted for two or more selected significant terms of the data records; and

generating a second [surface map representation] concept landscape visualization based on the substitute term occurring at the data record locations of the selected significant terms.

21.   (presently amended) A computer-implemented method for generating [graphical surface map] visualizations from a set of data records, comprising the steps of:

receiving a plurality of data records containing a plurality of terms;

generating a first [surface map representation] <u>concept landscape visualization</u> of said data records corresponding to the significance of the terms in the data records;

enabling a user to define at least two of said terms as equivalent terms; and

generating a second [surface map representation] <u>concept landscape visualization</u> of said data records based on the significance of the defined equivalent terms.

22.   (original) The method of claim 21 wherein a term may include a group of text units.

23.   (original) The method of claim 22 wherein the text units are words.

24.   (presently amended) A computer-implemented method for generating [graphical surface map] visualizations from a set of data records, comprising the steps of:

receiving a plurality of data records containing a plurality of original terms;

receiving a first substitute term to be substituted for a first set of original terms of the data records; and

generating a [surface map representation] <u>concept landscape visualization</u> based on the first substitute term occurring at the data record locations of the first set of original terms.

25.   (original) The method of claim 24 wherein a term may include a group of text units.

26.   (original) The method of claim 25 wherein the text units are words.

27.   (presently amended) The method of claim 24 further comprising:

[receiving a] receiving a second substitute term to be substituted for a second set of original terms of the data records; and

wherein said [surface map representation] <u>concept landscape visualization</u> is based on the first substitute term occurring at the data record locations of the first set of original terms and the second substitute term occurring at the data record locations of the second set of original terms.

28.   (presently amended) The method of claim 24 wherein a topicality value is computed based on the substitute term and wherein the step of generating the [second surface map] <u>visualization</u> is based on the topicality value.

29.   (presently amended) A computer-implemented method for generating [graphical surface map] visualizations from a set of data records, comprising the steps of:

receiving a plurality of data records containing a plurality of terms;

generating a first [surface map representation] <u>concept landscape visualization</u> of said data records corresponding to the significance of the terms in the data records;

receiving a substitute term to be substituted for two or more selected terms of the data records; and

generating a second [surface map representation] <u>concept landscape</u> <u>visualization</u> based on the substitute term occurring at the data record locations of the selected terms.

30.   (original) The method of claim 29 wherein a term may include a group of text units.

31.   (original) The method of claim 30 wherein the text units are words.

32.   (presently amended) The method of claim 29 wherein a topicality value is computed based on the substitute term and wherein the step of generating the second [surface map] <u>visualization</u> is based on the topicality value.

33.   (presently amended) A computer-implemented method for presenting graphics based on [surface map] visualizations from a set of data records, comprising the steps of:

generating a [surface map representation] <u>concept landscape visualization</u> of data records corresponding to the significance of the terms in the data records;

receiving a user command to display information associated with a certain region of the [surface map] <u>visualization</u>;

in response said step of receiving, retrieving terms associated with the region and a numerical value associated with each term, where the value associated with each

retrieved term represents the proportion of entire region that the retrieved term represents;

generating a chart that displays the name of retrieved terms; and

associating displayed terms with a segment of the chart that represents the displayed term, wherein the size of each segment of the chart is proportional to the term's representation in the region.

34. (original) The method of claim 33 wherein the displayed term is displayed in proximity to the corresponding segment.

35. (presently amended) The method of claim 33 wherein the term's representation is based on the frequency of occurrence of the term in the region.

36. (presently amended) The method of claim 33 wherein the region is represented by a peak of the [surface map] visualization.

37. (original) The method of claim 33 wherein the chart is a bar chart.

38. (original) The method of claim 37 wherein the segments are presented in decreasing order of magnitude of the value.